

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 26 JAN 2005

International Classification No

PCT/03/03302

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03M1/06 //H03M1/74

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX, INSPEC, PAJ, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 583 076 A (LUSCHNIG WERNER) 15 April 1986 (1986-04-15) column 9, line 15 - line 19; figure 2 ---	1,5
A	US 4 468 652 A (WANG ANTHONY D ET AL) 28 August 1984 (1984-08-28) column 19, line 39 -column 20, line 32; figure 1A -----	1,5

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

17 November 2003

Date of mailing of the International search report

02/12/2003

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP93/03302

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 4583076	A	15-04-1986	DE	3333934 A1		04-04-1985
			EP	0140086 A2		08-05-1985
			JP	60087528 A		17-05-1985
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US 4468652	A	28-08-1984	US	4521765 A		04-06-1985
			JP	57176830 A		30-10-1982
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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.